

Fig. 1

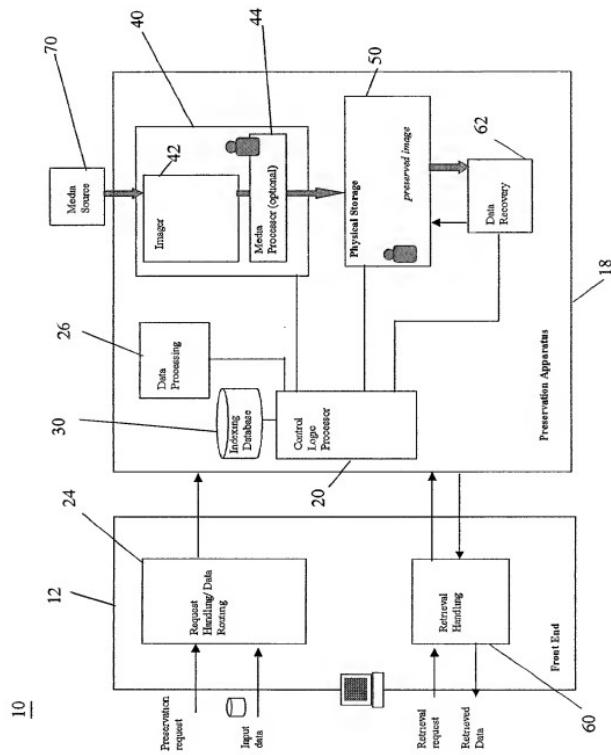
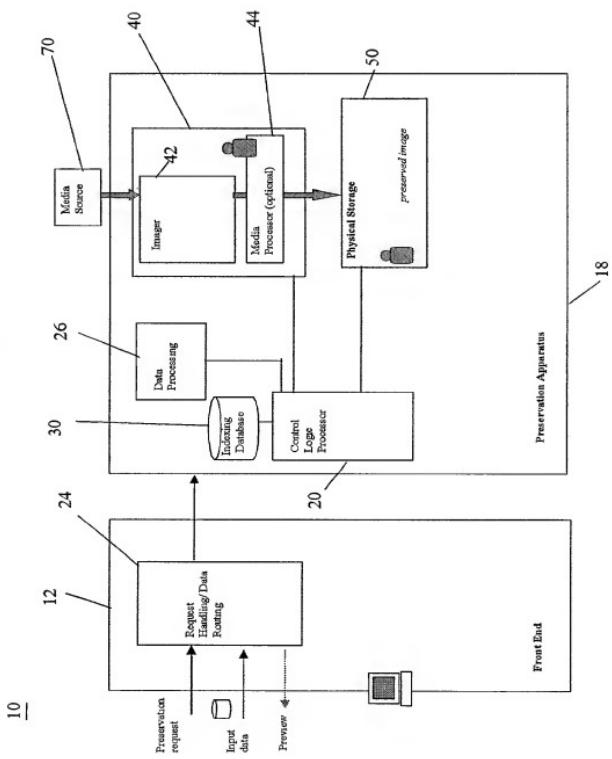
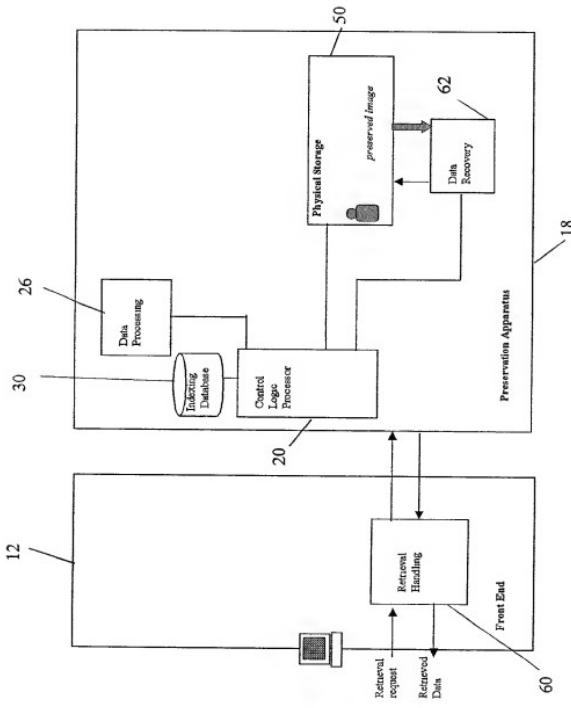


Fig. 2





Legend
 Human interface (optional)

Fig. 3

```

<?xml version="1.0" encoding="UTF-8"?>
<xsd:schema xmlns:xsd="http://www.w3.org/2001/XMLSchema" elementFormDefault="qualified">
    <xsd:element name="PRESERVATION_CONTENT">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element name="PRESERVATION_RECORD_INDEX" minOccurs="0" maxOccurs="unbounded">
                    <xsd:sequence>
                        <xsd:element name="LOGICAL">
                            <xsd:complexType>
                                <xsd:sequence>
                                    <xsd:element name="FILE_NAME" type="xsd:string"/>
                                    <xsd:element name="FILE_TYPE" type="xsd:string" minOccurs="0"/>
                                    <xsd:element name="OWNERSHIP" type="xsd:string" minOccurs="0"/>
                                    <xsd:element name="DATE_TIME_PRESERVED" type="xsd:dateTime"/>
                                    <xsd:element name="EXPIRATION_DATE" type="xsd:dateTime" minOccurs="0"/>
                                    <xsd:element name="SOURCE_IDENTIFIER" type="xsd:string"/>
                                    <xsd:element name="ORIGINATING_SOFTWARE" minOccurs="0">
                                        <xsd:complexType>
                                            <xsd:sequence>
                                                <xsd:element name="NAME" type="xsd:string"/>
                                            </xsd:sequence>
                                            <xsd:attribute name="VERSION" type="xsd:decimal" use="optional"/>
                                        </xsd:complexType>
                                    </xsd:element>
                                    <xsd:element name="SCANNER_PERIPHERAL" minOccurs="0">
                                        <xsd:complexType>
                                            <xsd:sequence>
                                                <xsd:element name="MANUFACTURE" type="xsd:string"/>
                                                <xsd:element name="MODEL" type="xsd:string"/>
                                            </xsd:sequence>
                                        </xsd:complexType>
                                    </xsd:element>
                                </xsd:sequence>
                            </xsd:complexType>
                        </xsd:element>
                    </xsd:sequence>
                </xsd:element>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:element name="PHYSICAL">
        <xsd:complexType>
            <xsd:sequence>
                <xsd:element name="FILE_SIZE" type="xsd:double"/>
                <xsd:element name="ROLE_NUMBER" type="xsd:string"/>
                <xsd:element name="FRAME_NUMBER" type="xsd:unsignedLong"/>
                <xsd:element name="FRAME_ASSOCIATION" type="xsd:string"/>
            </xsd:sequence>
        </xsd:complexType>
    </xsd:element>
    <xsd:attribute name="Unique_ID" type="xsd:string"/>
</xsd:schema>

```

Fig. 4

```
<?xml version="1.0" encoding="UTF-8"?>
<!ELEMENT PRESERVATION_CONTENT (xmas:xsi="http://www.w3.org/2001/XMLSchema-instance"
xsi:namespaceSchemaLocation="C:\PreservationXML\Preservation_Index.xsd">
<ELEMENT PRESERVATION_RECORD_INDEX Unique_ID="6d8Sc7291296a49df987680b271c5b9">
  <ELEMENT LOGICAL>
    <ELEMENT FILE_NAME>Court record 7-528-257.tif</ELEMENT FILE_NAME>
    <ELEMENT FILE_TYPE>TIFF 6.0</ELEMENT FILE_TYPE>
    <ELEMENT OWNERSHIP>Eastman Kodak Company</ELEMENT OWNERSHIP>
    <ELEMENT DATE_TIME_PRESERVED>2001-04-19T13:20:00.000-05:00</ELEMENT DATE_TIME_PRESERVED>
    <ELEMENT EXPIRATION_DATE>2021-04-19T13:20:00.000-05:00</ELEMENT EXPIRATION_DATE>
    <ELEMENT SOURCE_IDENTIFIER>Scanner</ELEMENT SOURCE_IDENTIFIER>
    <ELEMENT ORIGINATING_SOFTWARE>Preservation Record Management Prototype</ELEMENT ORIGINATING_SOFTWARE>
    <ELEMENT SCANNER_PERIPHERAL>
      <ELEMENT MANUFACTURE>Eastman Kodak</ELEMENT MANUFACTURE>
      <ELEMENT MODEL>HR200</ELEMENT MODEL>
    </ELEMENT SCANNER_PERIPHERAL>
  </ELEMENT LOGICAL>
  <ELEMENT PHYSICAL>
    <ELEMENT FILE_SIZE>156829</ELEMENT FILE_SIZE>
    <ELEMENT ROLE_NUMBER>6B29FC40-CA47-1067-B31D-00DD010662DA</ELEMENT ROLE_NUMBER>
    <ELEMENT FRAME_NUMBER>7521</ELEMENT FRAME_NUMBER>
    <ELEMENT FRAME_ASSOCIATION>1 of 1</ELEMENT FRAME_ASSOCIATION>
  </ELEMENT PHYSICAL>
</ELEMENT PRESERVATION_RECORD_INDEX>
</ELEMENT PRESERVATION_CONTENT>
```

Fig. 5

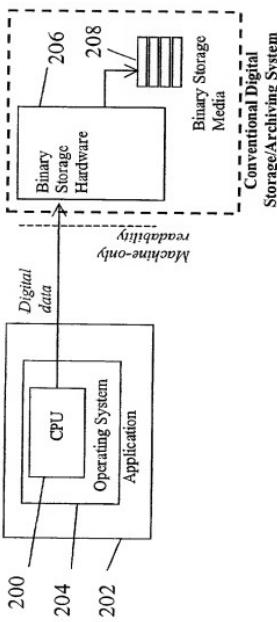


Fig. 6

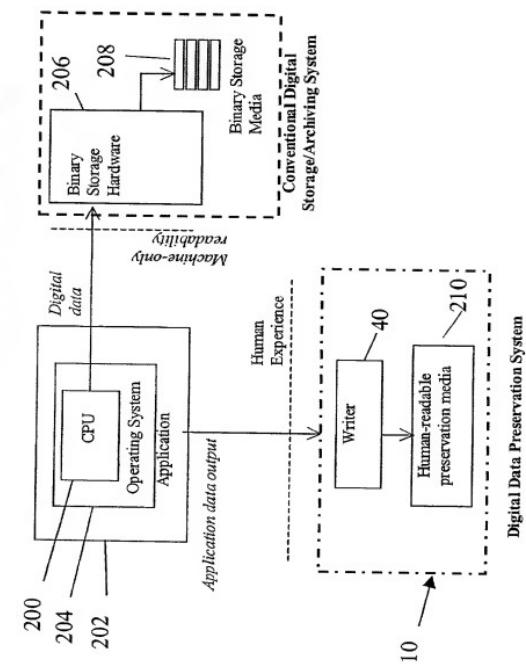


Fig. 7

Digital Data Preservation System

```
<FRAME_INDEX ID="6d85c7f291296a49df987680b271c5b9">
  <LOGICAL>
    <FILE_NAME>Court record 7-528-257.tif</FILE_NAME>
    <FILE_TYPE>TIFF 6.0</FILE_TYPE>
  </LOGICAL>
  <PHYSICAL>
    <ROLE_NUMBER>6B29FC40-CA47-1067-B31D-00DD010662DA</ROLE_NUMBER>
    <FRAME_NUMBER>7521</FRAME_NUMBER>
    <FRAME_ASSOCIATION>1 of 1</FRAME_ASSOCIATION>
  </PHYSICAL>
</FRAME_INDEX>
<FRAME_INDEX ID="8f91d9a180187b38eg796689c382b8g7">
  <LOGICAL>
    <FILE_NAME>Court record 5-128-257.tif</FILE_NAME>
    <FILE_TYPE>TIFF 6.0</FILE_TYPE>
  </LOGICAL>
  <PHYSICAL>
    <ROLE_NUMBER>6B29FC40-CA47-1067-B31D-00DD010662DA</ROLE_NUMBER>
    <FRAME_NUMBER>7522</FRAME_NUMBER>
    <FRAME_ASSOCIATION>1 of 1</FRAME_ASSOCIATION>
  </PHYSICAL>
</FRAME_INDEX>
<FRAME_INDEX ID="9f73r5t290265r28wx607793y222c6w4">
  <LOGICAL>
    <FILE_NAME>Court record 5-128-258.tif</FILE_NAME>
    <FILE_TYPE>TIFF 6.0</FILE_TYPE>
  </LOGICAL>
  <PHYSICAL>
    <ROLE_NUMBER>6B29FC40-CA47-1067-B31D-00DD010662DA</ROLE_NUMBER>
    <FRAME_NUMBER>7523</FRAME_NUMBER>
    <FRAME_ASSOCIATION>1 of 1</FRAME_ASSOCIATION>
  </PHYSICAL>
</FRAME_INDEX>
```

Fig. 8a

```
<FRAME_INDEX ID="6d85c7f291296a49d987680b271c3b9">
    <LOGICAL>
        <FILE_NAME>Court record 7-528-257.tif</FILE_NAME>
        <FILE_TYPE>TIFF 6.0</FILE_TYPE>
    </LOGICAL>
    <PHYSICAL>
        <ROLE_NUMBER>6B29FC40-CA47-1067-B31D-00DD010662DA</ROLE_NUMBER>
        <FRAME_NUMBER>7521</FRAME_NUMBER>
        <FRAME_ASSOCIATION>1 of 1</FRAME_ASSOCIATION>
    </PHYSICAL>
</FRAME_INDEX>
```



```
<FRAME_INDEX ID="9f73r5t290265r28wx507793y222c6w4">
    <LOGICAL>
        <FILE_NAME>Court record 5-128-258.tif</FILE_NAME>
        <FILE_TYPE>TIFF 6.0</FILE_TYPE>
    </LOGICAL>
    <PHYSICAL>
        <ROLE_NUMBER>6B29FC40-CA47-1067-B31D-00DD010662DA</ROLE_NUMBER>
        <FRAME_NUMBER>7523</FRAME_NUMBER>
        <FRAME_ASSOCIATION>1 of 1</FRAME_ASSOCIATION>
    </PHYSICAL>
</FRAME_INDEX>
```

Fig. 8b